Park, Chan

From: Benson, Carl [CBenson@goodwinprocter.com]
Sent: Tuesday, July 20, 2010 3:20 PM
To: Park, Chan
Cc: Scott Jr, Thomas J
Subject: RE: Application Serial No. 08/477,711
Attachments: EMBD_ June 2010 Proposed Amendment.RTF

Examiner Park,

Attached is a revised proposed amendment to the claims of Applications Serial No. 08/477,711. The proposed amendment incorporates the changes you suggested below. The applicants agree that upon entry of the proposed claims by Examiner's amendment that the application will be in condition for allowance. Thank you for your review and suggestions regarding this application. Please let us know if you require anything further.

As set forth in MPEP 502.03, we recognize that Internet communications are not secure. According, applicants hereby authorize the USPTO to communicate with us concerning any subject matter of this application by electronic mail. We understand that a copy of these communications will be made of record in the application file.

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From: Park, Chan [mailto:Chan.Park@USPTO.GOV]
Sent: Tuesday, July 13, 2010 10:20 AM
To: Benson, Carl
Cc: Scott Jr, Thomas J
Subject: RE: Application Serial No. 08/477,711

Mr. Benson,

Please make following amendment to claims 2 and 7.

Claim 2

communicating said ***at least one of a broadcast and a cablecast*** information transmission to said at least one transmitter;

transmitting, from said at least one transmitter, said at least one of a broadcast and a cablecast information transmission to ~~a~~ ***said*** at least one remote receiver station ~~in said one of a broadcast and a cablecast information transmission~~;

Claim 7

7. (Currently Amended) The method of claim 2, wherein said step of causing at least one said signal generator to embed ~~at least one of~~ ***said*** second ~~data and a second control signal~~ signals in said incomplete information transmission further comprises one of increasing and decreasing the size of ~~the~~ a portion of said incomplete information transmission in which said ~~at least one of~~ second ~~data and a second control signal is~~ signals are embedded.

Upon the correction, the application will be in condition for allowance.
Thank you.

Regards,

Chan S. Park
Primary Patent Examiner
US Patent Trademark Office
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From: Benson, Carl [mailto:CBenson@goodwinprocter.com]
Sent: Friday, June 04, 2010 5:27 PM
To: Park, Chan
Cc: Scott Jr, Thomas J
Subject: Application Serial No. 08/477,711

Examiner Park,

Attached is a proposed draft amendment to the claims of Application Serial No. 08/477,711. The amendment provides further details regarding the operation of the transmitted embedded signals and is intended to be applied to a system transmitting video programming. We have reviewed the Cox references and do not find the second embedded signals as set forth in the amended claims. Please let us have any comments or questions that you may have regarding these amended claims.

As set forth in MPEP 502.03, we recognize that Internet communications are not secure. According, applicants hereby authorize the USPTO to communicate with us concerning any subject matter of this application by electronic mail. We understand that a copy of these communications will be made of record in the application file.

<<EMBD_ June 2010 Proposed Amendment.RTF>>

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DRAFT PROPOSED AMENDMENT

2. (Currently amended) A method of controlling the transmission of ~~one of data and control~~ embedded signals by ~~one of~~ a ~~broadcast and a cablecast~~ transmitter station, said transmitter station comprising at least one signal generator for embedding ~~a unit of data~~ signals in ~~an~~ information ~~transmission~~ transmissions; at least one transmitter for transmitting one of a broadcast and a cablecast information transmission; and ~~at least one of~~ a processor~~, a controller, and a computer~~ for ~~at least one of~~ controlling ~~the communication of information to and~~ the embedding of information at said at least one signal generator, said method comprising the steps of:

embedding, using said at least one signal generator, ~~at least one of~~ first ~~data and a first control signal~~ signals in said at least one of a broadcast and a cablecast information transmission including a video signal;

communicating said at least one of a broadcast and a cablecast information transmission to said at least one transmitter;

transmitting, from said at least one transmitter, said at least one of a broadcast and a cablecast information transmission to ~~a~~ at least one remote receiver station ~~in said one of a broadcast and a cablecast information transmission~~;

receiving an instruct-to-embed signal from at least one remote transmitter station; and

causing, using said processor, said at least one signal generator to cease embedding said ~~at least one of~~ first ~~data and a first control signal~~ signals in response to said instruct-to-embed signal;

causing, using said processor, said at least one signal generator to embed, in response to said instruct-to-embed signal, ~~at least one of~~ second ~~data and a second control signal~~ signals in ~~said~~ an incomplete information transmission transmitted in said one of a broadcast and cablecast information transmission, said second signals for processing at said at least one remote receiver station to control output of information that completes said incomplete information transmission at said at least one remote receiver station; and

continuing to transmit said at least one of a broadcast and a cablecast information transmission to said at least one remote receiver station.

3. (Currently amended) A method of controlling the transmission of ~~one of data and control~~ signals by one of a remote ~~broadcast and a remote cablecast~~ transmitter station, said ~~one of a~~ remote ~~broadcast and a remote cablecast~~ transmitter station comprising at least one receiver for receiving one of a broadcast and a cablecast information transmission including a video signal from an origination transmitter station; at least one signal generator for embedding ~~data~~ signals in said one of a broadcast and a cablecast information transmission; at least one transmitter for transmitting said one of a broadcast and a cablecast information transmission; and ~~at least one of~~ a processor~~, a controller, and a computer~~ for controlling ~~at least one of 1) the communication of~~ said ~~one of a broadcast and a cablecast information transmission to and 2) the~~ embedding of information at said signal generator, comprising the steps of:

~~(1) receiving said one of a broadcast and a cablecast~~ generating an incomplete information transmission at said origination transmitter station;

~~(2)~~ generating an instruct-to-embed signal effective to cause said ~~one of a broadcast and a cablecast~~ processor at said transmitter station to cease embedding ~~at least one of~~ first ~~data and a first~~

~~control signal~~ signals in said one of a broadcast and a cablecast information transmission, and embed ~~at least one of~~ second ~~data and a second control signal~~ signals in said incomplete information transmission for transmission in said broadcast or cablecast information transmission, said second signals for processing at at least one remote receiver station to control output of information that completes said incomplete information transmission; and

~~(3)~~ transmitting said ~~one of a broadcast and a cablecast~~ incomplete information transmission and said instruct-to-embed signal from said origination transmitter station to said remote transmitter station.

4 - 5. (Cancelled)

6. (Currently Amended) The method of claim 2,wherein said ~~at least one of~~ first ~~data and a first control signal is~~ signals are generated at said ~~remote~~ transmitter station.

7. (Currently Amended) The method of claim 2, wherein said step of causing at least one said signal generator to embed ~~at least one of~~ said second ~~data and a second control signal~~ signals in said incomplete information transmission further comprises one of increasing and decreasing the size of ~~the~~ a portion of said incomplete information transmission in which said ~~at least one of~~ second ~~data and a second control signal is~~ signals are embedded.

8. (Cancelled)

9. (Currently Amended) The method of claim 2, wherein said ~~at least one of~~ first ~~data and a first control signal operates~~ signals operate at said at least one remote receiver station to generate a series of complete video images for said incomplete information transmission by processing said first ~~control signal~~ signals.

10. (Currently Amended) The method of claim 2, wherein a synchronizing instruction synchronizes processing of code by a plurality of processors at said at least one remote receiver station, said method further comprising the step of transmitting at least one of said synchronizing instruction and said code.

11. (Currently Amended) The method of claim 2, further comprising the step of transmitting at least one of a program instruction set and a combining synch command in ~~at least one of said~~ first ~~control signal~~ and said second ~~control signal~~ signals.

12. (Cancelled)

13. (Currently Amended) The method of claim 2, further comprising the step of transmitting at least one of a data module and a meter-monitor segment in at least one of said first ~~data~~ signals and said second ~~data~~ signals.

14. (Currently Amended) The method of claim 2, wherein said at least one of a broadcast and cablecast information transmission includes a television programming transmission, said method further comprising the steps of:

receiving said television programming transmission from said at least one remote transmitter station; and communicating said television programming transmission to at least one said signal generator.

15. (Previously Presented) The method of claim 14, further comprising the step of detecting said instruct-to-embed signal in said television programming transmission.

16. (Previously Presented) The method of claim 14, further comprising the step of storing said television programming transmission for a period of time before communicating said television programming transmission to said signal generator.

17. (Currently Amended) The method of claim 2, wherein ~~at least one of said first data and~~ said second ~~data~~ signals serve as basis, at said at least one remote receiver station, for completing of at least one of video programming and audio programming.

18. (Currently Amended) The method of claim 17, further comprising the step of including in ~~at least one of said first control signal and~~ said second ~~control signal~~ signals at least one processor instruction which operates to deliver at least some ~~of said at least one of said first~~ data ~~and~~ included in said second ~~data~~ signals at at least one of a video display device and an audio speaker.

19. (Currently Amended) The method of claim 17, wherein ~~said at least one of said first data and~~ said second ~~data is~~ signals are transmitted in a code portion of said one of a broadcast and a cablecast information transmission, said method further comprising the step of transmitting only some of said at least one of video programming and audio programming in said incomplete information transmission and transmitted in a different portion of said one of a broadcast and a cablecast information transmission than said code portion, said only some of said at least one of video programming and audio programming to be completed at said at least one remote receiver station.

20. (Currently Amended) The method of claim 2, wherein said remote receiver station assembles information received in said one of a broadcast and a cablecast information transmission, said method further comprising the step of including higher language code in at least one of said first ~~data, said second data, said first control signal,~~ signals and said second ~~control signal~~ signals.

21. (Previously presented) The method of claim 20, further comprising the step of transmitting assembly language code.

22. (Currently Amended) The method of claim 2, wherein at least one of (1) said step of embedding said ~~at least one of~~ first ~~data and a first control signal~~ signals and (2) said step of causing said at least one signal generator to embed said ~~at least one of~~ second ~~data and a second control signal~~ signals is performed in accordance with a schedule, said method further comprising the step of storing said schedule.

23. (Currently amended) The method of claim 22, further comprising the steps of:
receiving said schedule from said at least one remote transmitter station; and
communicating said schedule to said ~~at least one of a~~ processor~~, a controller, and a computer~~.

24. (Currently Amended) The method of claim 3,wherein ~~said step of causing said one of a broadcast and a cablecast transmitter station to embed at least one of~~ embedding said second ~~data and a second control signal~~ in said incomplete information transmission further comprises one of increasing and decreasing the size of ~~the~~ a portion of said one of a broadcast and a cablecast information transmission in which said ~~at least one of~~ second ~~data and a second control signal is~~ signals are embedded.

25. (Cancelled)

26. (Currently Amended) The method of claim 3, wherein said ~~at least one of~~ first ~~data and a first control signal operates~~ signals operate at ~~a~~ said at least one remote receiver station to generate a series of complete video images for said one of a broadcast and a cablecast information transmission by processing ~~said first~~ a control signal in said first signals.

27. (Currently Amended) The method of claim 3, wherein said one of a broadcast and a cablecast information transmission includes a television programming transmission, said method further comprising the steps of:

~~receiving~~ generating said television programming transmission at said origination transmitter station; and

transmitting said television programming transmission to said ~~one of a remote broadcast and a remote cablecast~~ transmitter station.

28. (Previously presented) The method of claim 27, further comprising the step of embedding said instruct-to-embed signal in said television programming transmission.

29. (Currently amended) The method of claim 27, wherein said ~~one of a remote broadcast and a remote cablecast~~ transmitter station stores said television programming transmission for a period of time before transmitting said one of a broadcast and a cablecast transmission, said method further comprising the step of transmitting an instruction which is effective at ~~said one of a remote broadcast and a remote cablecast~~ transmitter station to store said television programming transmission.

30. (Cancelled)

31. (Previously presented) The method of claim 3, further comprising the step of embedding said instruct-to-embed signal in said broadcast or cablecast information transmission.

32 - 39. (Cancelled)